JUN 09 2003
PATENT & TRADEMARK OFFICE 90106
OIPE

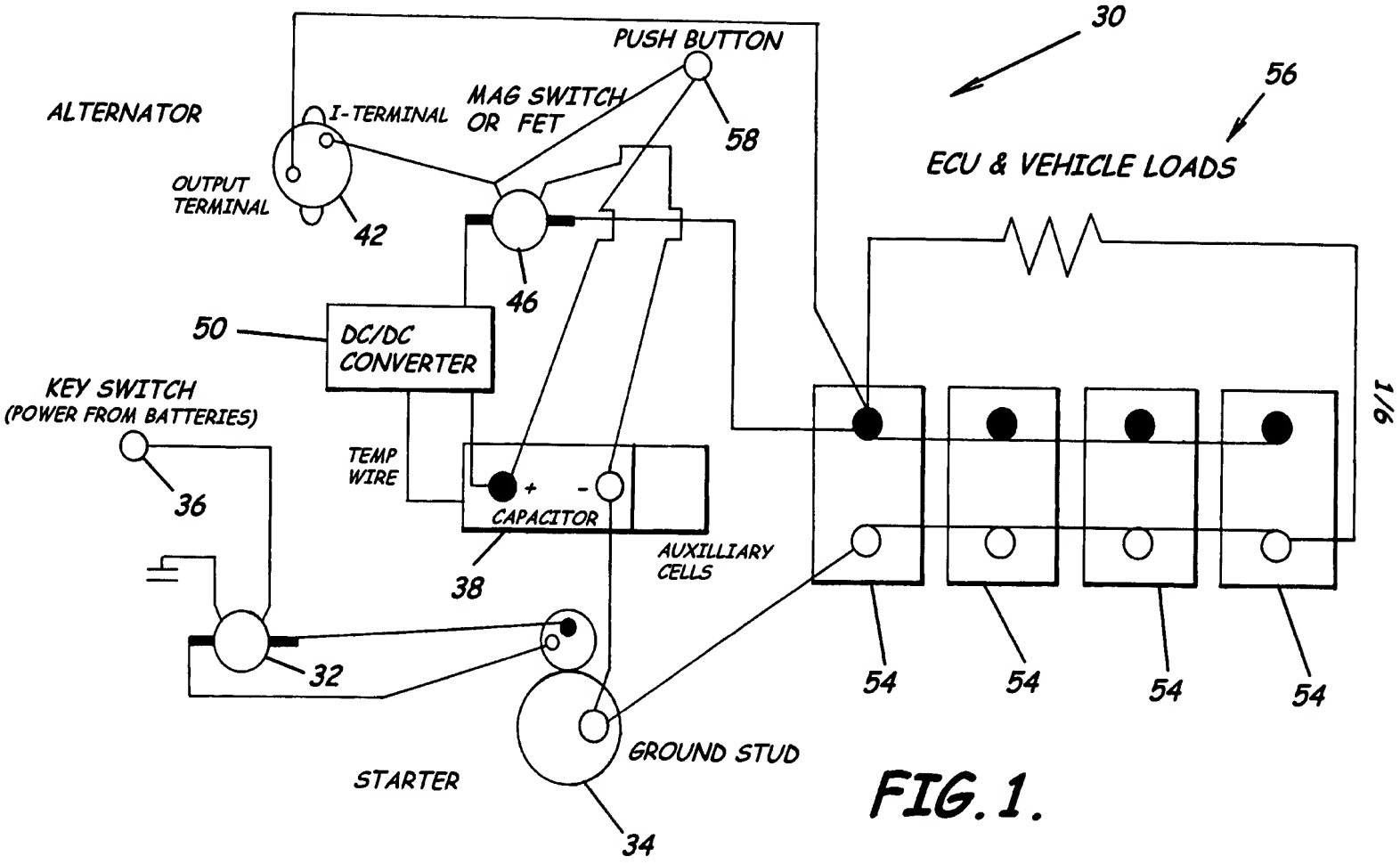

FIG. 1.

JUN 0 9 2003
PATENT & TRADEMARK OFFICE
JC106

CAPACITOR POWER FORMULA: $P = 1/2^2 C V$

NORMAL CAPACITOR-

	11.80	30X139	=	4170
	12.3	30X151	=	4530
	12.7	30X161	=	4830
	14.0	30X196	=	5880
MAX.	14.3	30X204	=	6120

ENHANCED-

MIN.	15.3	30X234	=	7020
	16.0	30X256	=	7680
	16.5	30X272	=	8160
	17.0	30X289	=	8670

FIG. 2.

$$P = \begin{cases} >0 \text{ IF ENGINE ON / ALTERNATOR ENGAGED} \\ =0 \text{ IF ENGINE OFF / STARTER DISENGAGED} \\ <0 \text{ IF ENGINE OFF / STARTER ENGAGED} \end{cases}$$

FIG. 3.

PATENT & TRADEMARK OFFICE
JUN 09 2003
OIPE
JC106

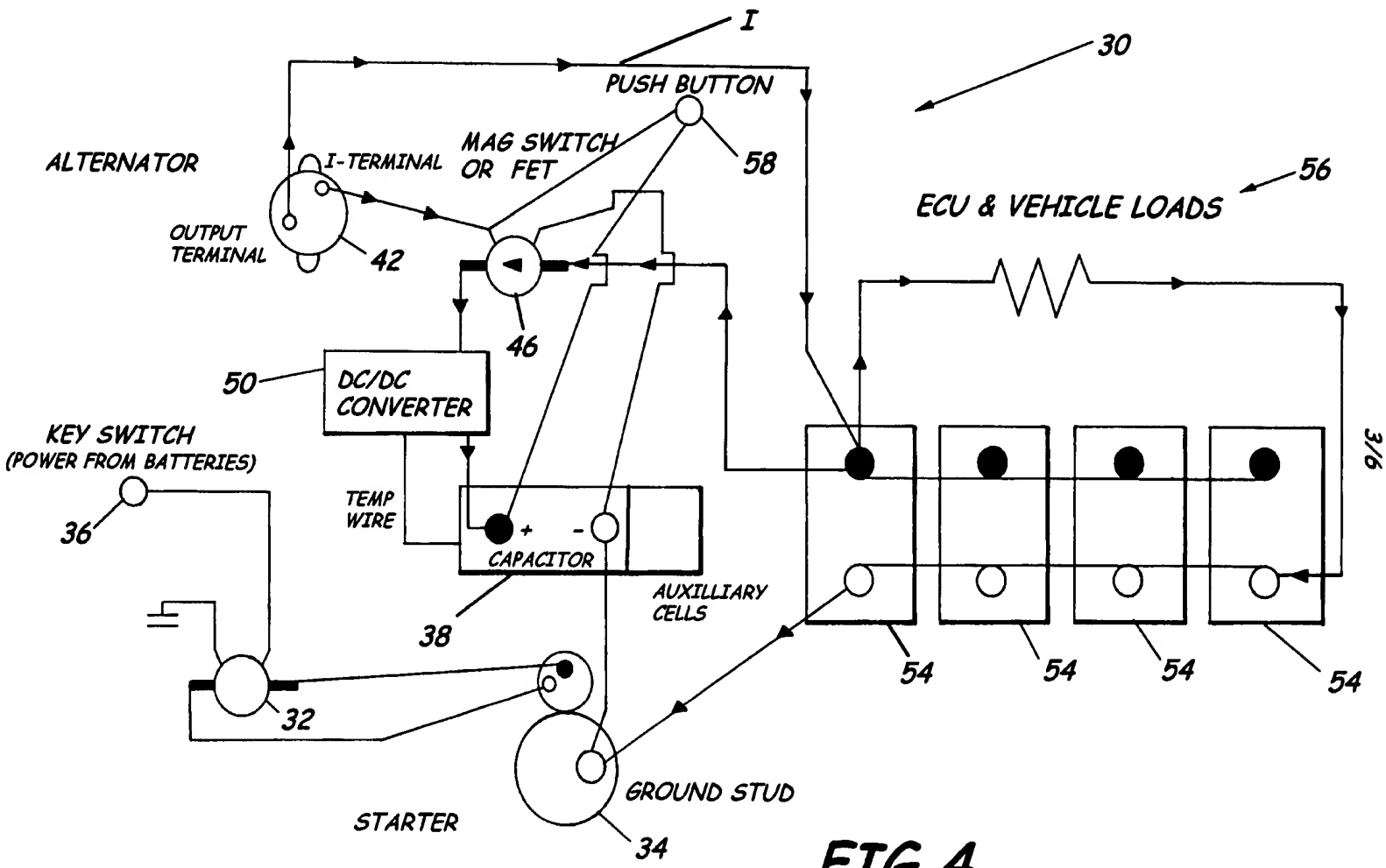

FIG. 4.

PATENT & TRADEMARK OFFICE
JUN 09 2003
O.I.P.E.
JC106 90106

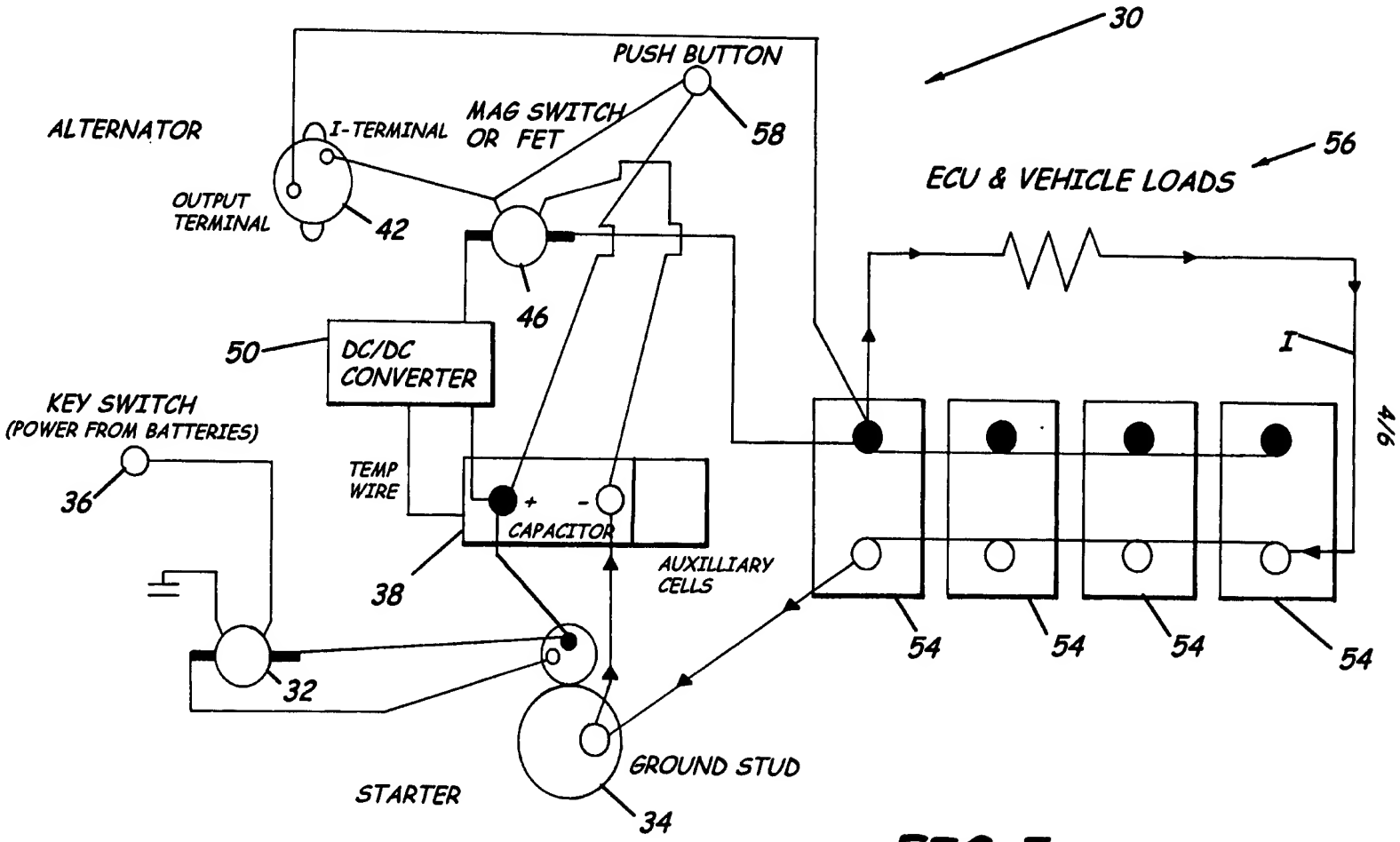

FIG. 5.

OIPE
JUN 09 2003
PAT. & TRADEMARK OFFICE 900

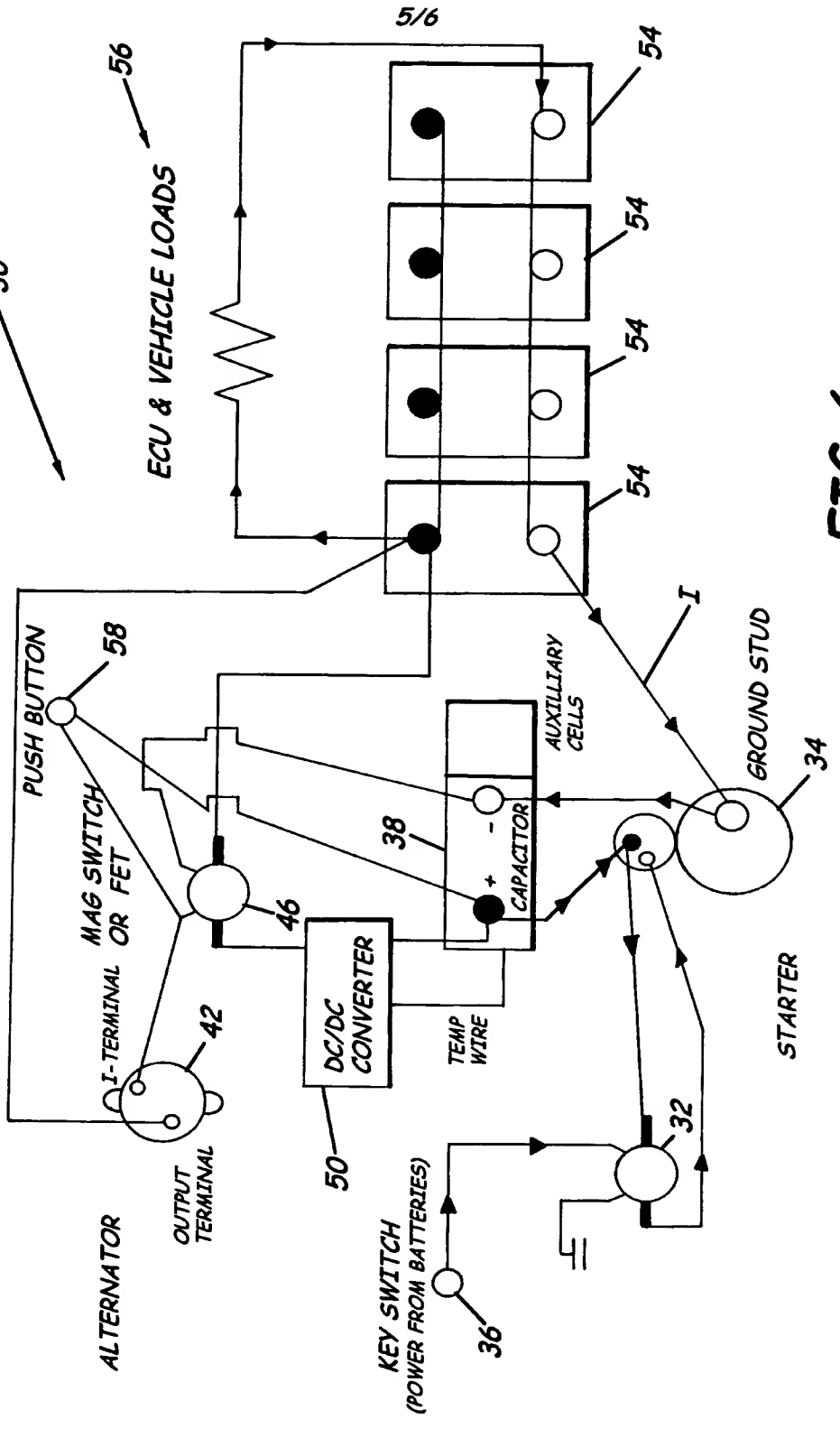

FIG. 6.

PATENT & TRADEMARK OFFICE
JUN 09 2003
OIPE
JC106

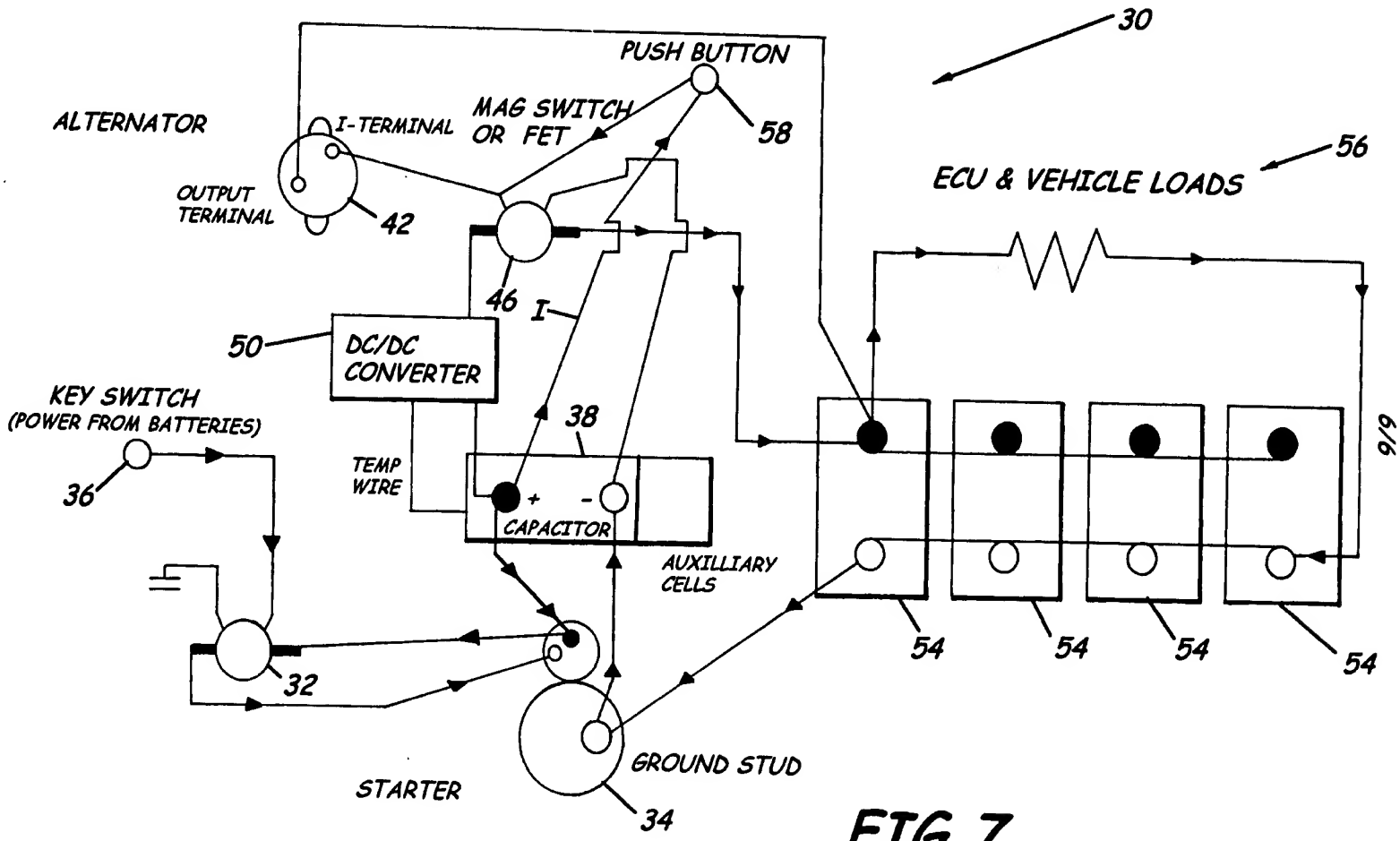

FIG. 7.